## PLANNING FOR A GREATER NEW YORK OF 25,000,000

its territory?" said Dr. T. Kennard Thomson, the engineer "The time has come to plan for the days ahead and to agree upon some sort of orderly scheme which shall guide us in providing new territory citizenry and to furnish suitable settings and conveniences for the varied expressions of the city's industrial life. The growing need for the life. The growing need for this widened foothold can be gathered from a brief review of New York's past.

was only 80,000. Fifty years later the number of inhabitants had increased nearly ninefold, the population at that time totalling 700,000. In that half century the metropolis acquired a growing rate which has remained fairly constant ever since, for now in 1915, the citizenry of Greater New York is approximately 6,000,000. this rate, not counting the calls made upon us by suburbanites and the people of nearby cities, twenty-five years hence we shall have to take of nearly 25,000,000 persons within our gates.
"Are you familiar with the manner

in which the topography of the financial district of Manhattan has changed? Broad street, now flanked by ponderous office buildings, was a canal in the earlier days of the municipality, and upon the banks of that waterway stood the finest homes of the time. Pearl street of to-day got its name from the fact that upon the beach over which it ran New York's earlier inhabitants used to gather rainbow tinted shells. Again, the eastern end of Wall street formerly, as now, terminated at the water's edge, but originally that highway was been made in the interval and the encroachment upon the East River

"Of later years, in our effort to gain more standing room and to furnish suitable dockage for ships on the North River side, we have built outward into the stream until the Government, at the instance of the army engineers, has wisely called a halt, and yet our pier facilities are wofully insufficient under normal condi-tions and the demands for them are

"The Panama Canal in the near future will bring to us an immense measure of oversea tonnage. The Cape Cod Canal is now directing here by way of Long Island Sound a steadily growing waterborne traffic and the intracoastal canal will make of the port of New York the prime point of freight handling. In the State we are pushing to completion that splendid project the great barge canal, and by that waterway we are going to drain in a freight sense subtantially the region contiguous to the great lakes and New York will become the forwarding and reshipping point for the return trade. It must be apparent that we are wofully unequal to the calls that will be made upon us when all of these trade routes are operating simultaneously.

"As matters stand to-day it probably is not an exaggeration to say that lighterage charges and the lack of pier facilities for handling cargoes and freight impose costs in dollars where improved methods and up to commercial enterprise that seeks to establish itself here.

"Now I propose to add fifty square miles of land to Greater New York's area and port foothold. At the same time it will mean an addition of one hundred miles of new waterfront for piers, &c. I would place New York City Hall in the centre of a really Greater New York having a radius of twenty-five miles, and within that circle there would be ample room for a population of fully twenty millions, the entire project to be an accomplished fact in a span of only a few years.

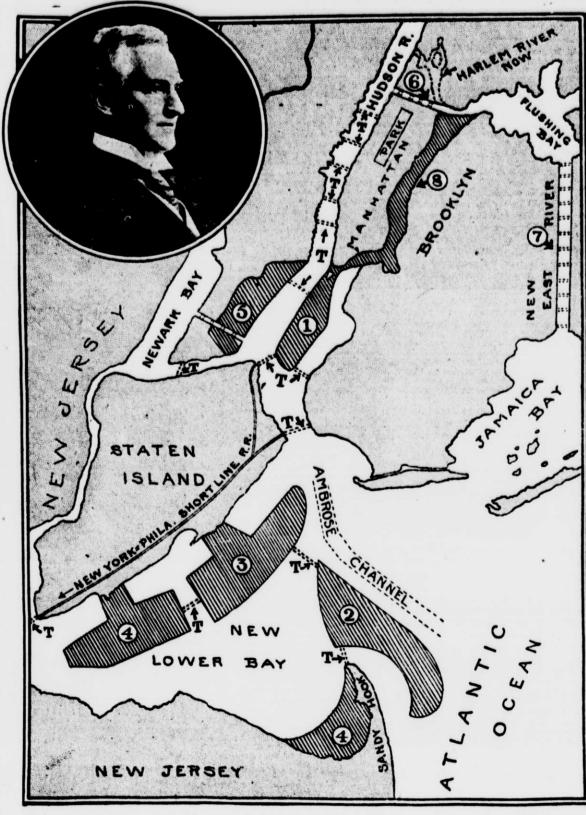
"Yes, this would mean an ultimate expenditure of a great deal more than the sum involved in constructing the Panama Canal, but the returns would be many times greater than the public all star scamper at the Manoriginal expenditures, swelling the city's money bags while bringing a boon to the investing public and untold benefits to the great municipality at devoted to the charity fund of their

"The very first work I should recom- Actors' Fund of America. mend would be the binding together of Governors Island and the Battery waterfront and then reaching south- was to include all the important cities ward by reclamation until Manhattan between New York and San Francisco approached within a mile and a was arranged for early last June and quarter of Staten Island. This called off because several of the head-would give us an eight mile liners were not able to cancel their waterfront, on the east and west sides engagements at that time. Since then quarter of Staten Island. of this new made land, from which matters have so adjusted themselves thousand foot docks could be extended that not only will all the original arwithout interfering with the tidal tists who had promised their services sweep of the Hudson River. I be-lieve this initial stage of the project coming entertainment but other could be made ready for the build-ing of decks and other structures in-

side of three years. "With this done the interval between One of the features will be the ap-the Manhattan extension and Staten pearance of the most popular and Island could be spanned by tunnels. highest priced male and female stars To-day the assessed value of Staten now acting in the movies, if negotia-Island is about \$50,000,000, but with tions now under way go through. the completion of the neck south of Governors Island the property value an interesting one. The meeting of of Staten Island would not fall short eight popular young players, David

the Hudson River, as well as that of in the lobby of the old Parker House, the East River, have disclosed a dis- on Twenty-ninth street, this city the as contains the disposal of the modern hullding, was the organization city's sewage. By means of buoys tion's beginning. cast adrift it has been clearly proved that it takes quite two days and a ganization was completed that same half for such a freely moving object | night in Dave Montgomery's room upto travel from Harlem to Sandy Hook. stairs. In these simple surroundings Now the lower currents in these thus was born an institution which bodies of water move seaward even has done much to advance the conmore slowly, and it is toward the bot- dition of the actor in America. tom that the fouler drainage settles. Sooner or later we must put in some Montgomery's quarters, the second sewer system that will carry the meeting took place of this newly born refuse discharge from the city's drain organization. At this time, its mem pipes safely seaward. The expense of bership having increased to sixteen an independent installation of su.t- its first set of officers was elected able capacity would run into many George Fuller Golden was chosen

Tapidiy the population of New York is outgrowing Engineer Outlines Great Scheme for Making New Land of the East River and Parts of the Harbor---Pictures a Wonder City of the Future



R.G.S.

Map showing New York and its environs with shaded portions indicating proposed made to Sandy Hook should be filled in demands made upon it. Modern dread-topen sea. There would be space In circle-Dr. T. Kennard Thomson.

into which the Hudson now empties. Cally to scour their waterbeds and to sorely needed additional waterfront of the lower bay—and there in my mind's port among numerous commercial return to port at any time unhams. So, too, should we affect the East purge themselves more rapidly, send-and suitable freight handling facilibre. The next stage of the project, pay-and there is my mind's series of floors, much after the fash-into determined in the lower bay—and there in my mind's series of floors, much after the fash-into followed in the case of the Grand to sorely needed additional waterfront the lower bay—and there in my mind's series of floors, much after the fash-into followed in the case of the Grand to sorely needed additional waterfront the lower bay—and there in my mind's series of floors, much after the fash-into followed in the case of the Grand there is an any time unham-purge themselves more rapidly, send-unged that the navy yard be moved water routes we should increase some-bly and further.

The next stage of the project, pay- the northern the city by providing in and out of return to port at any time unham-purge themselves more rapidly, send-unged that the navy yard be moved the struction of a large island flanking elevators—I should next urge the recturn to port at any time unham-purge themselves more rapidly, send-unged that the navy yard be moved the struction of a large island flanking elevators—I should next urge the recturn to port at any time unham-purge themselves more rapidly, send-unged that the purge themselves more rapidly, send-unged that the lower bay—and there is my mind's series of floors, much after the city by providing interest and out of return to port at any time unham-purge themselves more rapidly, send-unged that the lower bay—and there is my mind's series of floors.

The next stage of the project nave the currents when getting in and out of return to port at any time unham-purge themselves and the case of the floors.

The next stage of the project nave the currents when getting i hold every shipping interest and every what the velocity of their currents was able to the bayonae share of the dispersion of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of a large island flanking elevators—I should next upge the rection of the project, and the project is the northern tip of Sandy Hook. The

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upper side of this new made land reaching northward from Robbins N., has very forcibly emphasized the face the southern side of that passage would further wall in the Hudson with a solid wall of rock and concrete. In building this area the suction and provide quite four miles of addidredges would draw away the bottom material adjacent to the channel and even deepen that route itself. Next I should urge the rearing upon Old pering of shipping. Orchard Shoal of the first of two extensive reclaimed areas which when in the neighborhood of Great Kills a large enclosed basin, and in addition

age on several sides. within easy reach and where railway terminals could be established con- phase of this whole scheme. necting at once with the main lines "As matters stand to-day our navy bound north, west and south.

River, stimulate its self-dredging flow tional waterfront from which 1,000 foot piers could be extended without hurt to the river's movement or ham-

"Instead of obliging vessels to taneously Newark Bay should be to the yard and got away again. "In forming a new lower bay forty dredged and developed in order to imsquare miles of land would be added prove the water routes to Newark. for shipping and industrial purposes. This new river should have a depth at points where the sea would be of forty feet. Now we come to what might be called a military or strategic

The yard at Brooklyn has wofully shrunk challows just within and contiguous in comparison with the present day Shrewsbury River back to its old out- room and they should not be ham-

"At present, according to that au-

navy yard where it now is but two battleships. By extensive improvements involving an outlay of possibly \$35,000,000 he has declared that four ships could be got away in the course thread the tortuous Kill van Kull as of a day. Now in time of war this pined to Staten Island would form at present I would dredge a new river vital repair station would be worked north of that stream by which Newark to the limit, and New York's safety Bay and the Hudson River could be might hinge upon the celerity with to this afford protected dock front- placed more directly in touch. Simul- which fighting craft could be taken building a dam at Hell Gate and an

"Instead of establishing the new navy yard virtually on the New York Bay shore of Bayonne I urge that the yard with its necessary dry docks be placed upon Newark Bay adjacent to the new river to be cut through that peninsula. This would make the station less accessible to a foe, easier to defend and yet almost as near the s would mean the deflection of the noughts want a good deal of elbow enough in which to manœuvre freely and get ships out at any ome during let at the foot of Atlantic Highlands, pered by narrow channels and vexing night or day, while inbound fighting Having disposed of the problem of currents when getting in and out of craft needing repairs or supplies could dation upward I would construct a

and instead of that twisting, narrow, or bedrock, level I would place gas shallow waterway I propose a substicut straight from the Hudson to the The uppermost tier would be flush approach of Flushing Bay and with a with the existing streets and thus

"With this done our battleships tervening river. Idea of Eight Young could pass up the Hudson, through the new river and thence right down the levels between that of the streets Actors on a Hot into Long Island Sound. To-day they cannot get through Hell Gate and therefore cannot reach the Sound extension of the substruction of the substructio cept by steaming a hundred and more and one or more, as circumstances de-

has met with opposition. Even at would be through solid rock, for Man- either side would be for loading freigh this moment a movement is on foot hattan Island rises abruptly in that from the stations paralleling the rout to place before a general meeting, neighborhood, but don't let this appear while the next succeeding track would soon to be called, a motion whether or an insuperable or a needlessly expensive undertaking. The fact is that would leave something like eight centered and the control of should not have another name. Con- a rockhewn course would be cheaper tral tracks to form one grand speedcerning the adoption of this title at its first meeting. George Fuller Golden, during the course of organization, heights. Once cut the rocky walls trains bound north and south.

"In this manner it would be possible

when he was in hard straits in the British capital. In the first place it shows, I propose to bind Flushing Bay of the municipality with a minimum was explained that the word "rats," and Jamaica Bay by means of a canal of intermediate handling.

a thousand feet wide and form when spelled backward spelle, "star."
This reasoning seemed to stick and even more so when it was explained even more so when it was explained listand. This would lend an entirely that the "Water Rats of London," new aspect to the so-called Jamaica of our augmented populace. which is a society of music hall ar-Bay project, for it would furnish a twenty-five story buildings and others tists, began its existence under nearly logical and suitable terminal for shipsimilar conditions as the "White Rats" ping bound north and south over the experienced. This was the story that Golden told them which decided ties on Jamaica Bay a far more Mr. Golden told them with the explaced there merely as terminal points

"Once more we have the military white hair of Mark Murphy, one of new East River, which I would thus provide, would give our heaviest fight- we now have upon the Island of Man-The present home of the White Rats of America on Forty-sixth street was from Long Island Sound. In brief, "Don' the strategic advantage which the 1912. It is a six story building of fire- Kaiser now enjoys by reason of the urge the simultaneous attack of proof construction and with the ex- Kiel Canal we should have for our whole scheme. The plan should be squadrons seeking to intercept or to carried through section by section if ond floor the entire building is devoted outmanœuvre an enemy trying to the order I have already named, and take New York in the rear by forcing this would investe an annual expendigum and a large swimming an entrance into the Sound past the ture of somewhere between fifty and gymnasium and a large swimming an entrance into the Sound past the proaches of Long Islan 1 Sound

Rats of America are Frank Fogarty, the tubes for tunnels would be put in Greater New fork should have the H. O. Hayes, Joseph W. Standish and in this fashion at a minimum of ex- rest upon the promise of an ouplent W. W. Waters as trustees. The board pense and when all of them were and board directors are William P. Burt, laid then the cofferdams holding out York." George E. Delmore, James F. Dolan, the waters of Flushing Bay and Ja- Dr. T. Kennard Thomson is Frank C. Evans, Edward Garvie, maica Bay would be removed and a engineer of prominence in his Frank W. Hollie, Junie McCree, Jack straight unbridged thoroughfare for fession. More than one notable bridge McLallen, Richard Milloy, George W. shipping would be opened for traffic, and many a towering skyscraper rests.

Monroe, Frank North, Dr. Carl Her. Now we are ready for the eliminaman, James J. Corbett, James Marco, tion of the East River of nature's has devised. He has not been

would run parallel with the Ambrose Channel at that point, in fact would wharves of Jersey City. This, again, base, lyn and Manhattan. We are face to lyn and Manhattan. We are face to face with the need of more facilities, thority, during the period of a single and increasing population will add to tide it is possible to clear from the the need. Apart from the reciprocal movements of the inhabitants there is the daily handlcap of transferring commodities of all sorts from one shore to another. If the city continues to grow at the same rate as heretothen we must deal drastically

with this problem of the East River. "What would I do? I would reclaim the bed of that waterway by a beginning, and then drain out the intermediate basin. Next, I would build another dam extending from South Ferry to the Brooklyn shore and this section, after being suitably walled up along the sides, like the first, so as to leave a proper hydrostatic support for the flanking sky scrapers and lesser buildings, would be pumped out too.

"This done, I would not fill in this valley, in the ordinary understanding of the term, but from the stone fountute in the form of a wide new river and the city's great trunk sewers. depth of forty feet. Once more we bind Brooklyn and Manhattan by conare face to face with a strategic angle tinuous highways, where they now terminate abruptly because of the in-

miles to the eastward around Montauk manded, into great railway thorough-Point and then in through the Race. fares covered by a dozen or so tracks "Yes, the cutting of this new river in each case. The outermost track on

"I haven't come yet to the end of my river building. As my river building.

"Possibly you do not realize how this draining and roofing over of the East River would help us in disposing tracks at the Grand Central Station. so can office, industrial and tenement structures be reared over the valley of the East River. Reaching as this additional area would from the Battery to Hell Gate, it is plain that wa should have building room equal to a little short of half again as much as

"Don't be staggered by the magn tude of my entire project; I don't

"Before flooding the new East River public sceking a safe investment place for the purpose of continuing trouble in flo-ing bonds bearing an all highways that would be inter-inviting interest, especially when cepted. These tunnels could be located security for their redemption would and booming really Greater New

Burton Green, William Keough,
Johnny Ray, Walter Le Roy, Robert
L. Dailey, Lon Hascall, Frank Herbert,
John Gilroy, W. C. Matthews and
George Felix.

tion of the East River of nature's has devised. He has not been a dreamer in the past; he is climbing steadily toward the zenith of his professional career, and his ambitious project for New York's betterment is under its bed and yet these connect-

#### **SCAMPER** WHITE

HE White Rats of America, the national organization of vaudeville performers, will give a hattan Opera House on Tuesday. August 10. The proceeds are to be own organization and to that of the

A proposed touring scamper, which names have been added which could not have been secured for the first intended scamper.

The history of the White Rats is of \$500,000,000. But there is something more than a financial gain and the winning of elbow room for our inMark Murphy, James F. Dolan and George Fuller Golden, one hot Sun-'Investigations of the tidal flow of day late in the month of June in 1900 muscingly insanitary state of affairs since rased to make room for a more

The idea being suggested, the or-

A few weeks later, again in Dave millions of dollars. By building upon president, or big chief; David Craig the Battery and running the new land Montgomery, vice-president, or little in close to Staten Island we should chief; James J. Morton, secretary, or

ers Plans Big Benefit James F. Dolan, Sam Ryan and Natings were held in a large room, over the Savoy Theatre Building, for the Koster Bial's Music Hall on purpose of securing engagements for the Koster Bial's Music Hall on purpose of securing engagements for Performance on AuThe spirit of their cause which these few were able to infuse into their brother players was so effective the membership increased, so that in point was rapid until it now numbers their brother players was so effective the membership increased, so that in point was rapid until it now numbers their brother players was so effective to membership increased, so that in point was rapid until it now numbers the membership increased. that when another meeting was called, a little less than six months hundreds six weeks later, fifty answered the were clamoring to become members. roll call. During all this time these During the autumn of the same country.

Unique Organization of Vaudeville Perform
Sam Morton, Tem Lewis, Fred Stone, Larger Quarters and to that end meet
Larger Quarters a



The founders of the White Rats.

Standing, left to right-James F. Dolan, Tom Lewis, Sam J. Ryan, Sam Morton and Fred Stone. Seated-David C. Montgomery, George Fuller Golden and Mark Murphy.

## **PUBLICLY**

Remarkable Growth of of our project. Parker House

The selection of the title White Rats made some reference to the "Water would be rigid and lasting, without for goods to be received for distribu-Rats of London," when he told how troublesome slides as at Panama. they had come to his rescue once, dropped and in its place the word feeding to Manhattan across Brooklyn. says was out of respect to the snow The present home of the White Rats

pened and dedicated on December 7, ception of business offices on the secpeol which occupies the entire base- forts now guarding the eastern ap-

president; Alf Grant, vice-president; with Johnny E. Bell, Edward Esmond,